PCT/GB03/01589

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## Figure 1

ggtg	gcc	tct	gtgg	gcc	gtc	cag	gcta	ggg	gc	ggc	ccg	cag	gcgg	gcg	ggg	aga	aaga	act	ct	60
ctca	acct	ggt	ctt	gcg	gct	gtg	gcc	acc	gcc	ggc	cag	ggg	tgt	gga	ggg	cgt	gct	gcc	gg	120
agad	gtc	cgc	cgg	gct	ctg	cag	ttc	cgc	cgg	ggg	rtcg	ggc	agc	tat M				gcc P	ca T	
cgg(	gcc P					CCC P								gac T		gtc S		cgc A	tg A	240
cgct L	ggc A					gga E		gcc P					gcc P					gga D	tg A	300
ctgc A		cgc A	gag S	ccg R	gga D	.cgg G	cgg G	cgg G	ggt V	ccg R	cga D	tga E	G ggg	CCC P	egg A	ggc A	ggc A		gg	360
acgg G	gct L	ggg G	cag R	acc P	ctt L	G G	gcc P	cac T	CCC P	gag S	cca Q	gag S				ggt V		cct L	gg V	420
tttc S	ega E	gaa N	cgc A	cgg G	gcg R	ggc A	cgc A	tgc A	tgc A	ggc A	ggc A	ggc A	ggc A	ggc A	ggc A	ggc A	agc:	ggc A	gg A	480
cggc A						ggc A		gca Q				gga D			agc A		cgg G	cga E	ga S	540
gcga E						cga E				ggg G		ctt F					cgt V		CC P	600
cago A	tgc A	ctc S	ctc S	gtc S	ggc A	tga E	aga D	cag S	cct L	gtc S	aga D	tgc A	tgc A	cgg G	gg t V		agt V		cg G	660
ggcc P						gaa N						gct L				_	cag S	cct L	gc H	720
acto S						cag S									tga D	tac T	cca H	cac T	ca N	780
acac T	cta Y	cta Y	cct: L	gcg R	cac T	ctt F	G G	cca H	caa N				cgc A				gat I	cga D	tc H	840
acta Y	iccg R	gca H	cac. T	agc A	cgc A	gca Q	gct: L	G ggg	cga E	gaa K		gct L					ggc A		gc L	900
tcca H	ıcga D	cga E	gct: L	gga E	aaa K	gga E	acc P	ttt F	tga E	gga D	tgg G		tgc: A			gga E	aga: E	aag S	ta T	960
ctcc P	aac T	cag R	aga D	tgc A	tgt V	ggt V	Cac T	gta Y	tac T		aga E	aag S	taa K			cgt V		gtt F	tg G	1020
gctg W						agt: V		ttg C			aaa N		ttg: W		tgt V		gct: L	ttt F	ca I	1080
ttag R	ratt L	gtc: S	atg: W		tgt V			agc A				tct L	atc: S		cct L		aata I	aat M	ga M	1140
tggc A						tat I														1200
						ata Y														1260
gtgc A																				1320
gatt	tgca	igaa	acc	gte	gt	ggag	tte	ŗctt	aag	ggaa	acai	ttc	ata	cti	tat	gata	agat	gaa	aa	1380

t	caa N	tga D		ccg R	aat I	tat I	tgg G	agc A	cat I			cgt V			ttt L	agg G	tat I	ctc S	agtag V A	1440 A
C	tgg: G	aat M		gtg W	gga E	agc A	aaa K		tca Q		tgt V			ggt V	gat I	cct L	act L	tct L	tgcta A J	1500
ti	tgg G	tga D		cgt V	cat	agg G		att F	tat I	CCC P	act L	gga E	ıgag S	caa K	gaa K	gcc P	aaa K	agg G	gtttt F I	1560
ti	tgg G	tta Y	taa K	atc <u>s</u>	tga <i>E</i>	aat I	att F	taa <i>N</i>	tga E	gaa <b>N</b>	ctt F	tgg <i>G</i>	gcc P	cga D	ttt F	tcg <u>R</u>	aga E	gga E	agaga E 1	1620
c t	ttt F	ctt F	ttc S	tgt V	att F	tgc A	cat	ctt F	ttt F	tcc P	tgc A	tgc A	aac T	tgg G	tat I	tct L	ggc A	tgg G	agcaa A 1	1680 1
ai	tat:	stc S		tga D		tgc A		tcc P	tca Q	gtc S	agc A	cat	acc P	caa K	agg G	aac T	act L	cct L	agcca A 1	1740
tt	L L	aat I	tac T	tac T	att L		tta Y	cgt. V	agg. G	aat I	tgc A	agt V	atc S	tgt: V	agg G	ttc S	ttg C	tgt V	tgtto V F	: 1800 ì
ga	agai D	tgc A	cac T	tgg G	aaa N	cgt V	taa N	tga D	cac T	tat I	cgt V	aac T	aga E	gct: L	aac T	aaa N	ctg C	tac T	ttctg S #	1860
Cē	agco A	c C	caa K	att L	aaa N	ctt F	tga D	ttt F	ttc S	atc S	ttg C	tga E	aag S	cag S	tcc P	ttg C	ttc S	cta Y	tggcd G I	1920
ta	aatq M	gaa N	caa N	ctt F		ggt V	aat M	gag S			gtc S	agg G		taca T	acc P	act L	aat I	ttc S	tgcag A G	1980 ;
gt	ata I	ett F	ttc S	agc A	cac T	tct L	ttc S	ttc: S	agc: A	att. L	agc A	atc S	cct L	agt V	gag S	tgc A	tcc P	caa K	aatat I F	2040
tt	cag Q	ggc A	tct L	atg C	taa K	gga D	caa N	cat I	cta Y	CCC P	agc A	ttt F	cca Q	gatç M	gtt F	tgc A	taa K	agg G	ttato Y G	2100
ge	gaaa K	aaa N	taa N	tga E	acc P	tct L	tcg R	tgg: G	cta Y	cat I	ctt L	aac T	att F	ctta L	aat: I	tgc A	act L	tgg: G	attca F I	2160
tc	tta L	aat I	tgc A	tga: E	act L	gaa N	tgt V	tati I	tgc: A	acc:	aat I	tat I	ctc S	aaac N	ett F	ett F	cct L	tgc: A	atcat S Y	2220
at	gca A	tt:	gat I	caa N	ttt F	ttc S	agt: V	atto F	ccat H	tgc: A	atc S	act L	tgc: A	aaaa K	atci S	tcc P	agg G	atg W	gegte R F	2280
et	gca A	tt. F	caa K	ata Y	cta Y	caa N	cat; M	gtgg W	gata I	atca S	acti L	tct L	tgg: G	agca A	aati I	tct L	ttg C	ttg: C	catag I V	2340
a	atg M	rtt F	gt V	cati	taa N	ctg: W	gtg: W	ggci A	gca A	atte L	gct: L	aac T		tgtg V	gata I	agt V	cct L	tgg: G	getgt L Y	2400
at	att I	tai Y	tgt V	tace T	eta Y	caa K	aaa: K	acca P			gaat N	ttg: W		atco S	stc1	cac T	aca Q	agco A	cctga L T	2460
et	tac Y	cto L	gaa: N	tgc: A	act; L	gca Q	gcai H	ttca S	aatt I	tegi R	ct L	ttc \$	tgg: G	agto V	ggaa E	aga D	cca H	cgtg V	jaaaa K N	2520
ac	ttt F	agg R	gcca P	acag Q	gtgi C	tct: L	tgti V	tato M·	jaca T	aggt G	gci A	tcc P	aaa N	ctca S	icgt R	P	agc A	ttta L	actto L H	2580
t	ctt L	gtt V	Cai	tgat D	tt. F	caca T	aaaa K	aaat <b>N</b>	gtt <b>V</b>	.gg1	tte L	gat <b>M</b>	gato I	ctgt C	.ggc	ca H	tgt: <b>V</b>	acat <b>H</b>	atgg M G	2640
jt	cct P	.cga R	aaga <b>R</b>	acaa Q	agco A	eatq M	gaaa K	igaç E	rato M	gtco S	ato	ega: D	tcaa Q	agco A	aaa K	ata Y	tca: Q	gega R	tggc W L	2700
t	att I	aag K	jaac N	caaa K	atç M	gaag K	ggca A	ttt F	ţat Y	gct A	ecca P	agta V	acat H	gca A	gat D	ga D	ctt: L	gaga R	gaag E G	2760
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ttgg G	att F				ttg W						gaç R		tgt V				tat I	aaa N	ct L	2880
tatt F					tga D								tat				aga E	agg G	rtc L	2940
tgga D		atc S		tct L	tca Q	agg G	aca Q	aga E	aga E	att L	att L	gto	atc S	aca Q	aga E		atc S	tcc P	tg G	3000
gcac T	caa K				agt V		tgt V				gtaa K		gtc S			aga D	tac T	ttc S	ca K	3060
aacc P	act L	cag S	tga E	aaa K	acc P	aat I	tac T				tga E				tgg G		gac T	tgc A	aa T	3120
ctca Q	acc P	act: L	gtt L	gaa K	aaa K	aga E	atc S	caa K	agg <u>G</u>	P	tat I	tgt <b>v</b>	gcc P	ttt <u>L</u>	aaa <b>N</b>	tgt <b>V</b>	agc <b>A</b>	tga D	cc Q	3180
	gct L			ago A	tag S	tac T	aca Q	gtt F	tca Q	gaa K	aaa K	aca Q	agg G	aaa K	gaa N	tac T	tat I		tg V	3240
	gtg W				tga D								acc P				gac T	gac T	ca K	3300
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acca <b>H</b>	tga D				gat M			ttt L			jcaa K			gat I	aga D		ttc S	tga D	ta I	3420
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cata Y	.ccg R	gca: Q	gat I	cag R	gtt L	aaa N	tga: E	gtt L	att L	aaa K	igga E	aca H	ttc: S	aag S	cac T	agc A	taa N	tat I	ta I	3660
ttgt V		gagi S	tct L	CCC P	agt V							gtc S			tct L	cta Y	cat M	ggc A	at W	3720
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agcg	tgti	taad	ett	ttt	gg															4098

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Figure 2

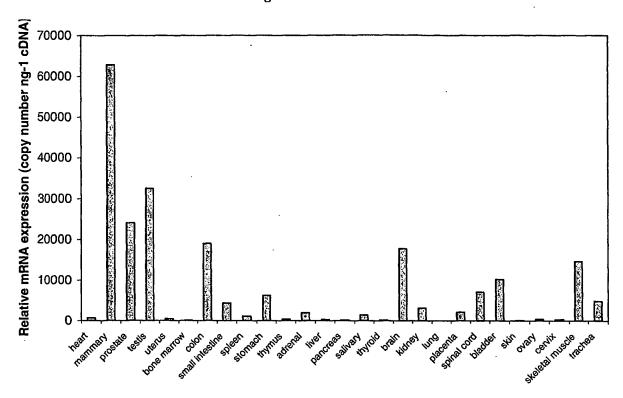
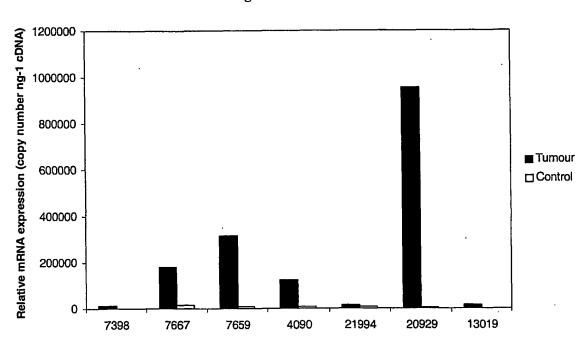


Figure 3



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Figure 4

